EXPLANATION

Drainage boundary

80E1

Soil type boundary and symbol

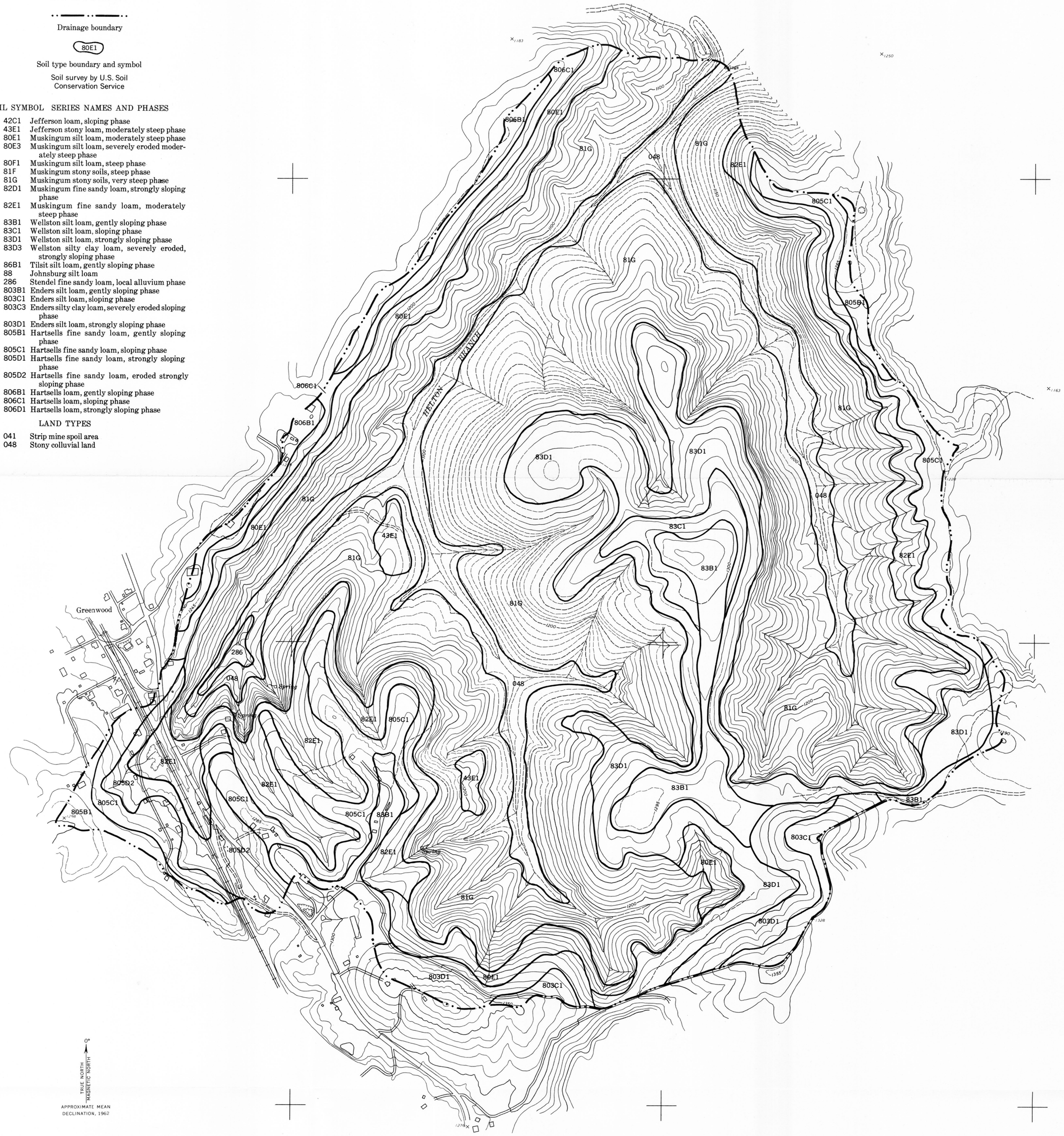
Soil survey by U.S. Soil Conservation Service

SOIL SYMBOL SERIES NAMES AND PHASES

42C1 Jefferson loam, sloping phase
43E1 Jefferson stony loam, moderately steep phase
80E1 Muskingum silt loam, moderately steep phase
80E3 Muskingum silt loam, severely eroded moderately steep phase
80F1 Muskingum silt loam, steep phase
81F Muskingum stony soils, steep phase
81G Muskingum stony soils, very steep phase
82D1 Muskingum fine sandy loam, strongly sloping phase
82E1 Muskingum fine sandy loam, moderately steep phase
83B1 Wellston silt loam, gently sloping phase
83C1 Wellston silt loam, sloping phase
83D1 Wellston silt loam, strongly sloping phase
83D3 Wellston silty clay loam, severely eroded, strongly sloping phase
86B1 Tilsit silt loam, gently sloping phase
88 Johnsburg silt loam
286 Stendel fine sandy loam, local alluvium phase
803B1 Enders silt loam, gently sloping phase
803C1 Enders silt loam, sloping phase
803C3 Enders silty clay loam, severely eroded sloping phase
803D1 Enders silt loam, strongly sloping phase
805B1 Hartsells fine sandy loam, gently sloping phase
805C1 Hartsells fine sandy loam, sloping phase
805D1 Hartsells fine sandy loam, strongly sloping phase
805D2 Hartsells fine sandy loam, eroded strongly sloping phase
806B1 Hartsells loam, gently sloping phase
806C1 Hartsells loam, sloping phase
806D1 Hartsells loam, strongly sloping phase

LAND TYPES

041 Strip mine spoil area
048 Stony colluvial land



84°29′30″ 29′ 2 372 000 FEET 84°28′30″
204 000 FEET
36°53′
52′ 30″
36°52′
196 000 FEET
2 366 000 FEET

0° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1962

Polyconic projection. 1927 North American datum
2000-foot grid based on Kentucky coordinate system, south zone

MAP OF HELTON BRANCH STUDY AREA SHOWING SOIL TYPES

SCALE 1:4800

1000 500 0 1000 2000 FEET

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